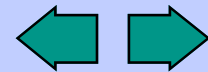




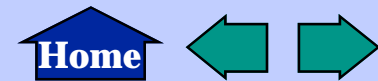
# Power Amplifiers for GSM and eGSM Handsets



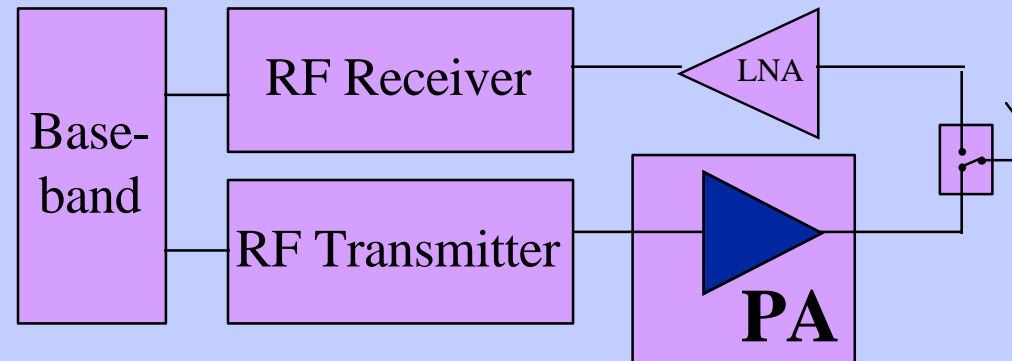
# TST0900 Series GSM Power Amplifiers

## Key Features:

- **Single supply voltage; 3 / 5 Volt**
- **32 / 35 dBm output power**
- **High efficiency : 40 / 45 %**
- **Built-in gain control and DC/DC converter**
- **Low cost**

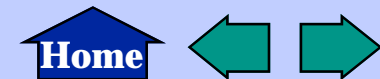


# Basic Application



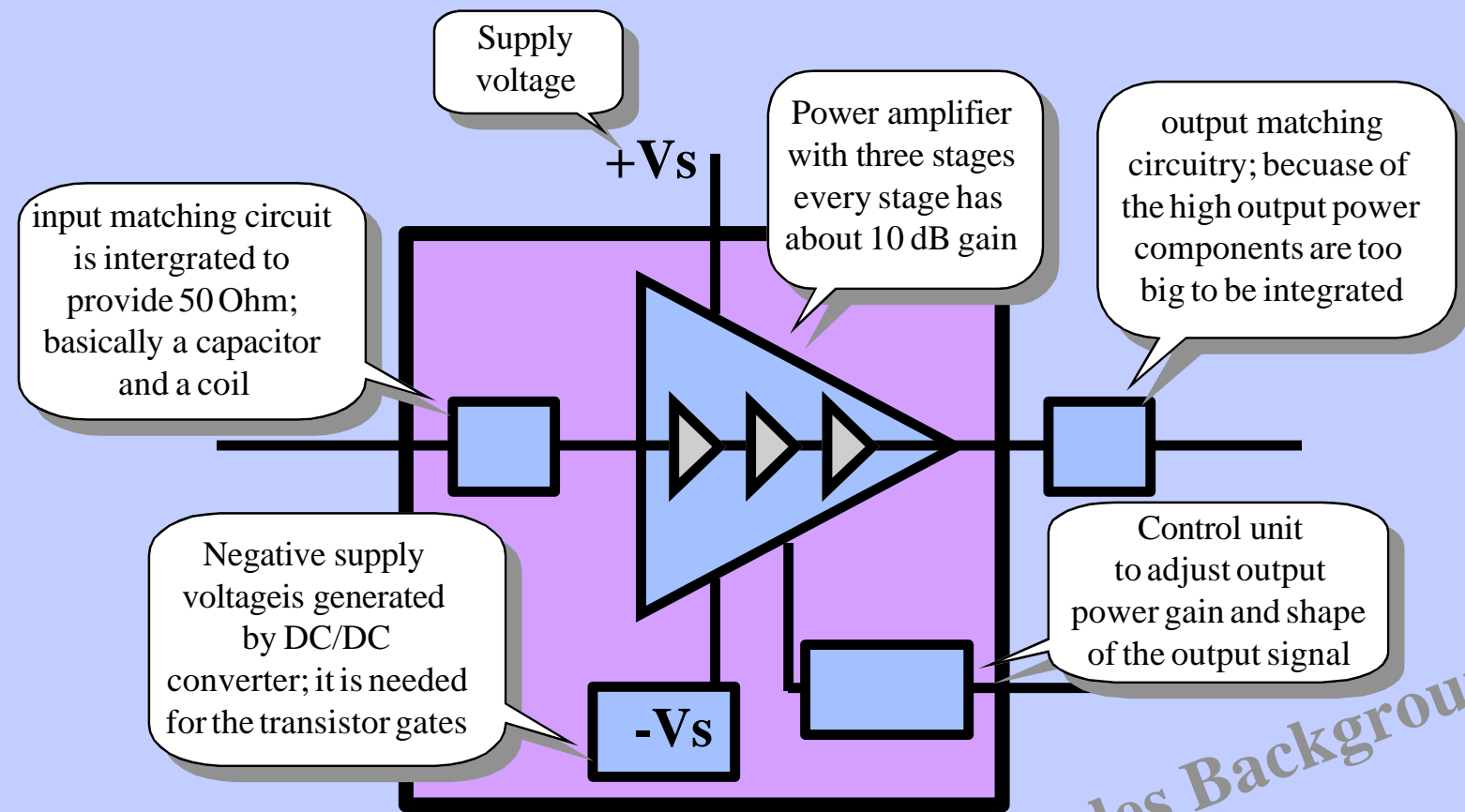
## Products

<b>Device</b>	<b>TST0900</b>	<b>TST0901</b>	<b>TST0902</b>
<b>Supply voltage</b>	<b>4,8 V</b>	<b>3,3 V</b>	<b>3,3 V</b>
<b>Output power</b>	<b>35 dBm</b>	<b>35 dBm</b>	<b>32 dBm</b>
<b>Current consumption</b>	<b>1,5 A</b>	<b>2,5 A</b>	<b>2,0 A</b>



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# Elements of the PA



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# Realizing GSM using TEMIC Transmit ICs (U2893B and TST090x)

**e-GSM**

**U2893B**

**TST090x**

